

*A. Lawrence*  
*FEB 11 2003*  
*HTB*  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	William Patrick FLANAGAN
Serial No.	09/609,921
Filing Date	July 3, 2000
For	METHOD AND APPARATUS FOR HIGH-THROUGHPUT CHEMICAL SCREENING
Examiner	Brian J. Sines
Art Unit	1743

Box Non-Fee Amendment  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

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**AMENDMENT AND RESPONSE TO**  
**FIRST OFFICE ACTION (PAPER NO. 6)**

Dear Sir:

In response to the Office Action mailed October 3, 2002, allowing claims 33-38, rejecting claims 1-29, and objecting to claims 30-32 of the above-identified Application, Applicants respectfully request that the following amendments and remarks be considered.

**IN THE SPECIFICATION**

Please replace the second full paragraph on page *7* with the following:

*AL*

In a preferred embodiment, reaction substrate 4 is positioned adjacent to, and in thermal communication with, a thermal unit 8. Thermal unit 8 adjustably maintains reaction substrate 4 at one or a series of temperatures, thereby heating or cooling the samples or reactant systems within substrate reservoir 6. Thermal unit 8 includes a thermally conductive material and a heating source 30 and a cooling source 20 to